(9)

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: ***Improvements to Cross Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11, Vidyaranyapura Sub Division.***

Estimated Cost: Rs. 10.00 Lakhs

(6)

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಯಲಹಂಕ ವಲಯ

ಬೆಂಗಳೂರು – 92.

ವರದಿ:

ವಿಷಯ: Improvements to Cross Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11, Vidyaranyapura Sub Divisionನ ಕಾಮಗಾರಿ ಅಂದಾಜನ್ನು ಅನುಮೋದನೆಗೆ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

ಕಾಮಗಾರಿ ಸಂಕೇತ: **011–12–000064**

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗದ ವಾರ್ಡ್ ನಂ. 11ರ ವ್ಯಾಪ್ತಿಯಲ್ಲಿನ ಕುವೆಂಪುನಗರ 1ನೇ ಹಂತದಲ್ಲಿ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ ಮತ್ತು ಸಿಮೆಂಟ್ ಕಾಂಕ್ರೀಟ್ ಚರಂಡಿ ನಿರ್ಮಾಣ ಕಾಮಗಾರಿಗೆ 2011–12ನೇ ಸಾಲಿನ ಮಾನ್ಯ ಶಾಸಕರ ಅನುದಾನದಡಿ ರೂ. 10.00 ಲಕ್ಷಗಳ ಅನುದಾನಕ್ಕೆ ಅನುಮೋದನೆಯಾಗಿದ್ದು, ಕಾಮಗಾರಿ ಸಂಕೇತ ಪಡೆದಿರುತ್ತದೆ.

ವ್ಯಾಪ್ತಿಯಲ್ಲಿನ ಕುವೆಂಪುನಗರ 1ನೇ ಹಂತದಲ್ಲಿ ರಸ್ತೆಯು ಹಳ್ಳ ಮತ್ತು ಗುಂಡಿಗಳಿಂದ ಕೂಡಿರುತ್ತದೆ ಹಾಗೂ ಸಾರ್ವಜನಿಕರ ಸಂಚಾರಕ್ಕೆ ತುಂಬ ತೊಂದರೆಯಾಗಿರುತ್ತದೆ. ಹಾಗೂ ರಸ್ತೆ ಬದಿ ಚರಂಡಿಗಳಿಲ್ಲದೆ ನಿತ್ಯ ಬಳಕೆಯ ನೀರು ರಸ್ತೆಯ ಮೇಲೆ ಹರಿದು ರಸ್ತೆಯು ಹಾಳಾಗುವುದರ ಜೊತೆಗೆ ಪರಿಸರ ಮಾಲೀನ್ಯವಾಗಿ ಸಾಂಕ್ರಾಮಿಕ ರೋಗಗಳು ಹರಡುವ ಸಾದ್ಯತೆ ಹೆಚ್ಚಾಗಿರುತ್ತದೆ. ಆದ್ದರಿಂದ ಸದರಿ ರಸ್ತೆಗಳನ್ನು ಅಭಿವೃದ್ಧಿ ಪಡಿಸಿ ಕಾಂಕ್ರೀಟ್ ಚರಂಡಿಯನ್ನು ನಿರ್ಮಿಸಲು ಸ್ಥಳೀಯ ಚುನಾಯಿತ ಪ್ರತಿನಿಧಿಗಳು ಕೋರಿರುವುದರ ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು 2011–12ನೇ ಸಾಲಿನ ಮಾನ್ಯ ಶಾಸಕರ ಅನುದಾನದಡಿ ಕಾಮಗಾರಿಯನ್ನು ಸೇರಿಸಿಕೊಂಡು ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಬೇಕಾಗಿರುತ್ತದೆ. ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜನ್ನು ತಯಾರಿಸಲಾಗಿದೆ.

1. ಆವಶ್ಯವಿರುವ ಕಡೆ ಸಿಮೆಂಟ್ ಕಾಂಕ್ರೀಟ್ ಚರಂಡಿ ಮತ್ತು ರಸ್ತೆಯನ್ನು ನಿರ್ಮಿಸಲು ಮಣ್ಣು ಅಗೆತದ ಕೆಲಸ ಮಾಡುವುದು.
2. ಸಿಮೆಂಟ್ ಕಾಂಕ್ರಿಟ್ ಮಿಕ್ಸ್ 1:4:8 ಹಾಗೂ 1:1.5:3 ಅಳವಡಿಸಿ ಕಾಂಕ್ರಿಟ್ ಚರಂಡಿ ಮತ್ತು ರಸ್ತೆ ನಿರ್ಮಾಣ ಮಾಡುವುದು ಹಾಗೂ ಇತರೆ ಅವಶ್ಯಕ ಅಂಶಗಳಿಗೆ ಅಂದಾಜಿನಲ್ಲಿ ಅವಕಾಶ ಕಲ್ಪಿಸಿಕೊಂಡಿರುತ್ತದೆ.

ಅಂದಾಜನ್ನು 2012–13ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ ದರಪಟ್ಟಿಯನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ರೂ. 10.00 ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಿದ್ದು, 2011–12ನೇ ಸಾಲಿನ ಮಾನ್ಯ ಶಾಸಕರ ಅನುದಾನದಲ್ಲಿ ಅನುಮೋದಿಸಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಹಾಗೂ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಯನ್ನು ನೀಡಲು ಕೋರಲಾಗಿದೆ.

ಕಿರಿಯ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 11 (ಕುವೆಂಪುನಗರ)
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ., ಬೆಂಗಳೂರು – 97.

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of the work: **Improvements to Cross Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11, Vidyaranyapura Sub Division.**

Estimate Cost: 1000000.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 **Page No. 150 / Item No. 19.2/ PWD SR 2012-13**	Cum							
	CC Road		1	100.00	5.00	0.15	75.00		
	CC Drain @ Ganesh Temple Opp Cross Road		2	97.00	0.70	0.70	95.06		
							170.06	**81.00**	**13775.00**
	Basic Rate	75.00							
	Area Weightage @8%	6.00							
	Total	**81.00**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3 PWD SR - 2012-13)	Cum							
	CC Road		1	100.00	5.00	0.15	75.00		
	CC Drain		2	97.00	0.70	0.15	20.37		
							95.37	3884.76	**370490.00**
	Basic Rate	3597.00							
	Area Weightage @ 8%	287.76							
	Total	**3884.76**							
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls at any thickness,** including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(P.17 / I.4.31 PWD SR - 2012-13)**	Sqm							
	CC Drain		3x2	97.00		0.45	261.90		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
							261.90	244.08	**63925.00**
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	**244.08**							
4	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 **(P.13/I.4.11 PWD SR - 2012-13)**	Cum							
	Bottom		2	97.00	0.65	0.10	12.61		
	Side Walls		2x2	97.00	0.10	0.45	17.46		
							30.07	5239.08	**157539.00**
	Basic Rate	4851.00							
	Area Weightage @ 8%	388.08							
	Total	**5239.08**							
5	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.46/ PWD SR 2012-13**	Qntl							
			0.60	30.07			18.04		
							18.04	7323.48	**132130.00**
	Basic Rate	6781.00							
	Area Weightage 8%	542.48							
	Total	**7323.48**							

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
6	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, **No. 248 Item No. 31.3 PWD SR 2012-13**	M							
			11	5.00			55.00		
							55.00	132.84	**7306.00**
	Basic Rate	123.00							
	Area Weightage @ 8%	9.84							
	Total	**132.84**							
7	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12/ Item No. 4.5/ PWD SR 2012-13**	Cum							
	For CC Road Church Road		1	100.00	5.00	0.10	42.00		
							42.00	4937.76	**207386.00**
	Basic Rate	4572.00							
	Area Weightage @ 8%	365.76							
	Total	**4937.76**							
8	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **187/ Item No. 22.7/ PWD SR 2012-13**	Sqm							
			1	100.00	5.00		420.00		
							420.00	86.40	**36288.00**
	Basic Rate	80.00							
	Area Weightage @ 8%	6.40							
	Total	**86.40**							

Sl.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
9	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum					170.06		
				Vide Item No. 1			144.55	72.71	10510.00
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
10	Miscellaneous and other Charges	L/S							**651.00**
								Total	**1000000.00**

Lead limited to 144.55cum.

(Rs. Ten Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2012-13.
3 This work included under 2011-12 MLA Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 10 Lacks
Rupees Ten Lacks only
Under P2434 Development Works for Bangalore City
Registered as EE ( ) No 39
Subject to conditions contained in enclosed memo EE (Y) No 529 /2012-13
Dt 10.09.2012 Estimate A/Sanctioned JC(Yel) AIA No 529/2012-13
dated 10.09.2012 Rs 10 Lakhs

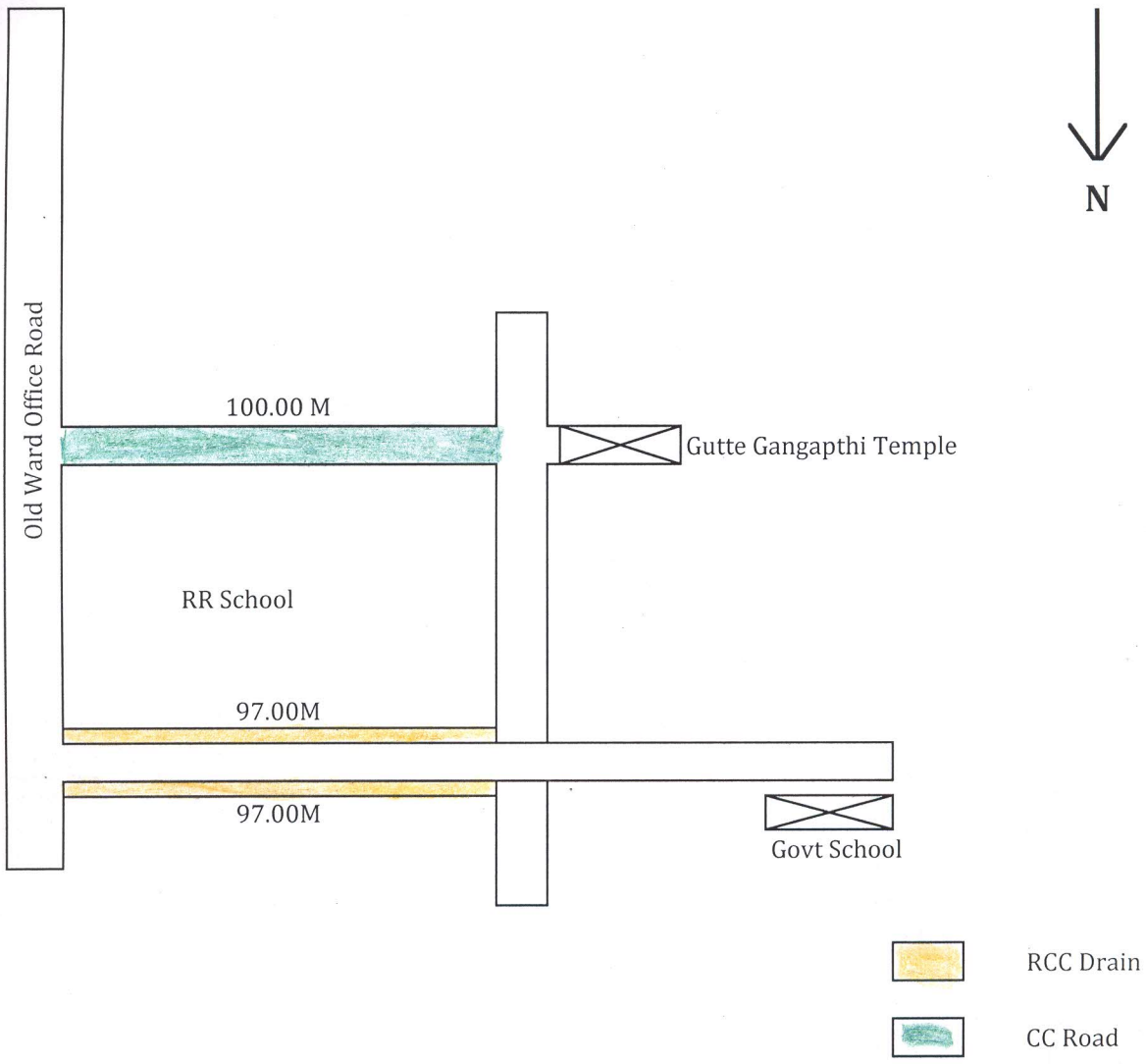
Technical Sanction for Rs. 10.00 lakhs
Ten lakhs only
under P-2434 Development Works for Bangalore City
Registered as EE No. 226/12-13 Subject to conditions contained enclosed memo.
No: 226/1043 Dr. 10.9.12

AE/JE

EE (BTP. DIV.)

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.

Sketch Showing the Work of Improvements to Cross Roads and Drains at Kuvempunagara 1st Stage in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.



Junior Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97